

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10/577,849
Filing Date	April 28, 2006
First Named Inventor	Chiaki SOTOWA
Art Unit	1793
Examiner Name	Guinever S. GREGORIO
Attorney Docket Number	Q78376

U.S. PATENTS

Examiner Initials*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	6,194,067	B1	02-27-2001	Hamada TAKESHI et al.	
	2	5,344,726		09-06-1994	Tanaka et al	
	3	5,401,598		03-28-1995	Miyabayashi et al	
	4	5,686,182		11-11-1997	Maniar, Deepak R.	
	5	4,654,242	A	3-31-1987	Schieber	
	6	4,704,327	A	11-3-1987	Schieber	
	7	5,643,670	A	07-11-2000	Iwase et al.	
	8	6,087,044	A	02-16-2006	Nanba et al.	
	9	7,144,476	B2	12-05-2006	Wilde et al.	
	10	5,919,589	A	07-06-1999	Soichiro Kawakami, et al.	
	11	5,344,726	A	09-06-1994	Hideaki Tanaka et al.	

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initials*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	12	2004/0247872	A1	12-09-2004	Sudo et al.	
	13	2006/0133980		06-22-2006	Nanba et al.	
	14	2006/0035149	A1	02-16-2006	Nanba et al.	
	15	2002/0160266	A1	10-31-2002	Yamazaki et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
	1	1 134 827	EP	A2	2001-09-19	Sony Corp		N
	2	0 861 804	EP	A1	1998-09-02	Sharp KK and Osaka Gas Co. Ltd		N
	3	0 782 207	EP	A1	1997-07-02	Sharp KK		N
	4	11-279785	JP	A	1999-10-12	Osaka Gas Co. Ltd.		Abstract
	5	10-294016	JP	A	1998-11-04	Showa Denko K.K.		Abstract
	6	05-121066	JP	A	1993-05-18	Asahi Chemical Industries Co.		Abstract
	7	05-174820	JP	A	1993-07-13	Fuji Photo Film Co. Ltd.		Abstract
	8	10-162811	JP	A	1998-06-19	Showa Denko K.K.		Abstract
	9	06-333559	JP	A	1944-12-02	Nikkiso Co. Ltd.		Abstract

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	10	2001-196064	JP	A	2001-07-19	Samsung SDI Co. Ltd.		Abstract
	11	3139790	JP	B2	2000-12-15	Mitsubishi Petrochem Co. Ltd.		Abstract of JP-05-094838 corresponding to JP-3139790-B2
	12	0861804	EP	A1	1998-09-02	Osaka Gas Co., Ltd.		N
	13	55-147561	JP	A	1980-11-17	ASAHI CHEM IND CO LTD		Abstract
	14	53-94581	JP	A	1978-08-18	SINLOIHI CO LTD		Abstract
	15	2976299	JP	B2	1999-09-10	OSAKA GAS CO LTD SHARP CORP		Abstract
	16	2001-6662	JP	A	2001-01-12	DAINIPPON INK & CHEM INC		Abstract
	17	8-136439	JP	A	1996-05-31	TOA MEDICAL ELECTRONICS CO LTD		Abstract
	18	10-116605	JP		1998-05-06	TOKAI CARBON CO LTD		Abstract
	19	2000-319067	JP		2000-11-21	DAI NIPPON CHEMICALS CORP		Abstract

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T ⁵
	1	PATENT ABSTRACTS OF JAPAN Vol. 005, No. 020 (C-042), February 6, 1981 & JP 55 147561 A (ASAHI CHEM IND CO LTD), November 17, 1980, abstract	
	2	DATABASE WPI, Section Ch, Week 197838, Derwent Publications Ltd., London, GB; Class A60, AN 1978-68031A, XP002340196 & JP 53 094581 A (SINLOIHI CO LTD), August 18, 1978, abstract	
	3	Material Property Data Sheet - Cytec Thornel T-300 1K Carbon Fiber, Polyacrylonitrile (PAN) Precursor	

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
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